

1

determined that a tower of at least 675 meters (2,214 feet) would be required to clear intervening terrain obstructions. Henry Radio's supporting engineering exhibit did not take the terrain factors into consideration, and no specific showing was presented attesting to its ability to provide a clear line-of-sight service from its requested site to Fort Bragg. The Commission generally will not make an allotment absent a showing that a site is available which will clear intervening obstructions and provide the community with a shadow-free signal of requisite strength. See, e.g., Pinckneyville, Illinois, 41 R.R. 2d 69, 71 (1977). In view of the foregoing, we find no reason to alter the reference coordinates for Channel 228B at Fort Bragg to specify a potentially unusable site, since the coordinates designated in the Report and Order correspond to a theoretically acceptable site. In any event, Henry Radio may specify an alternate site in connection with its application for Channel 228B since there is no requirement that it propose the site specified in the rule making proceeding. See Melbourne, FL, 5 FCC Rcd 1031 (1990).

Based on the above, we dismiss Henry Radio's petition for reconsideration.

Sincerely,

Douglas W. Webbink

Douglas W. Webbink
Chief
Policy and Rules Division
Mass Media Bureau

cc: Mr. Robert Cheal
Paradise Broadcasting, Inc.
407 West 9th Street
Paradise, CA 95928

Henry Radio Company

**Petition For Rulemaking
Exhibit 3**

**TECHNICAL REPORT
BY
HAMMETT & EDISON**

**Station KLLK-FM
93.5 MHz, Channel 228B
Fort Bragg, California**

**Engineering Exhibit
in Support of Petition
for Rulemaking to Re-Allocate
Channel 228B to Willits, California**

March 12, 1996

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HAMMETT & EDISON, INC.
CONSULTING ENGINEERS
SAN FRANCISCO

Station KLLK-FM • 93.5 MHz, Channel 228B • Fort Bragg, California

Engineering Statement of Daniel G.P. Mansergh

The firm of Hammett & Edison, Inc., Consulting Engineers, has been retained by the Henry Radio Company, licensee of Station KLLK-FM, to prepare this engineering statement in support of a petition to amend the FM Table of Allotments in Section 73.201 of the FCC Rules to re-allocate FM Channel 228B from Fort Bragg, California, to the city of Willits, California.

Meets All Allocation Conditions

A study of the existing Table of Allotments indicates that the existing Class B FM allocation on Channel 228 could be located at the geographic coordinates given by the National Atlas of the United States for the city of Willits, California, 39° 24' 36" N 123° 21' 12" W, in full conformance with the mileage separation distances given by the FCC Rules, as shown in the table below:

<u>Channel</u>	<u>Nearest Assignment Allotment or Application</u>	<u>Distance from Willits</u>	<u>Distance Required by FCC</u>
225B	KLCQ, Healdsburg, CA	84.5 km	74 km
226C	KXGO, Arcata, CA	155.4	105
227B	KYCY, San Francisco, CA	215.9	169
228A	KKBN, Twain Harte, CA	308.7	178
229A	KJZY, Sebastopol, CA	125.7	113
230B1	KFMF, Chico, CA	152.1	71
231C1	Rule Making, Hydesville, CA	132.5	79
281A	Allocation, Windsor, CA	97.6	15
282C	KSHA, Redding, CA	155.4	35

Since the reference coordinates for Willits are only 35.3 kilometers from the current channel 228B allocation coordinates, less than the 241-kilometer spacing required in §73.207, this proposal is mutually exclusive with the present allocation.

First Local Commercial FM Service at Willits

The allocation of Channel 228B to Willits would be the first commercial FM service allocated by the FCC to this community.*

More Transmission Services at Fort Bragg

The re-allocation of Channel 228B to Willits would leave Fort Bragg with four local transmission services: FM Station KOZT, Channel 237B1, FM Station KSAY, Channel 253B1, Radio Station KDAC, 1230 kHz, and TV Station KFWU, Channel 8. In addition, the principal community contours of two services licensed to nearby Mendocino, California (Station KMFB-FM, Channel

* Non-commercial FM Station KZYZ, Channel 218B1, is licensed to Willits.



Station KLLK-FM • 93.5 MHz, Channel 228B • Fort Bragg, California

224A, and Radio Station KPMO, 1300 kHz) fully encompass Fort Bragg, as shown in Figure 1. Thus, Fort Bragg would continue to receive principal community signals from a total of six transmission services.

The public interest should be better served by the addition of the first local commercial FM service at Willits than by retaining a seventh service in the Fort Bragg/Mendocino area.

Comparative Coverage and Population

Figure 2 shows the 1 mV/m FCC F(50,50) coverage contours of the presently licensed KLLK Class A operation and of the predicted maximum Class B operation at the reference coordinates of Willits. The land area within each contour was determined by planimetric measurement on maps of known scale to be 916 square kilometers for the current KLLK operation, and 6,923 square kilometers for the maximum Class B facility at Willits. The population within each contour was determined to be 17,377 persons for the current KLLK operation, and 80,029 persons for the maximum Class B facility at Willits, by summing the populations of all Census Blocks in the 1990 U.S. Census whose centroids lie within the contour. Thus, a Class B station at Willits would result in a net increase in service to an area of 6,007 square kilometers and 62,652 persons within the 1 mV/m contour as compared to the current KLLK operation.

Using these same methods, it was determined that the area both within the contour of the present KLLK operation and outside the contour of the maximum Class B operation at Willits encompasses 71 square kilometers and contains a population of 117 persons. This area would continue to be served by FM Station KOZT, Channel 237B1, Fort Bragg, California, and FM Station KHUM, Channel 284C, Garberville, California, among others.

Nighttime Coverage of Willits Area

The nighttime operation of Radio Station KLLK, 1250 kHz, currently Willits' only local commercial aural service, covers a relatively small area, as shown in Figure 3. The nighttime interference-free contour, determined to be 10.07 mV/m by a study of the current nighttime allocation conditions, encompasses an area of 288 square kilometers, as determined by polar integration, and contains a population of 10,905 persons, as determined by summing the populations of all Census Blocks in the 1990 U.S. Census whose centroids lie within the contour. A maximum Class B operation at Willits would therefore bring nighttime service to an additional 69,124 persons in an area of 6,635 square kilometers.

List of Figures

In carrying out these engineering studies, the following attached figures were prepared under my direct supervision:

1. Principal community contours of Mendocino stations
2. Coverage of current KLLK-FM and maximum Willits operation
3. Nighttime coverage of KLLK(AM) and maximum Willits operation.



Daniel G.P. Mansergh

March 12, 1996



Affidavit

State of California
County of Sonoma

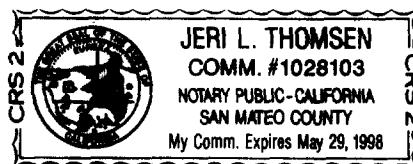
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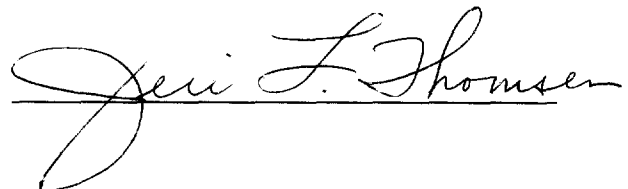
Daniel G.P. Mansergh, being first duly sworn upon oath, deposes and says:

1. That he is a qualified engineer and is employed by the firm of Hammett & Edison, Inc., Consulting Engineers, with offices located near the city of San Francisco, California,
2. That he graduated with honors from the University of California at Santa Cruz with a Bachelor of Arts degree in 1992, completed two years of employment with Apogee Sound, Inc., and has been associated with the firm of Hammett & Edison, Inc., since October 1994,
3. That the firm of Hammett & Edison, Inc., Consulting Engineers, has been retained by the Henry Radio Company, licensee of Station KLLK-FM, to prepare this engineering statement in support of a petition to amend the FM Table of Allotments in Section 73.201 of the FCC Rules to re-allocate FM Channel 228B from Fort Bragg, California, to the city of Willits, California,
4. That such engineering work has been carried out by him or under his direction and that the results thereof are attached hereto and form a part of this affidavit, and
5. That the foregoing statement and the report regarding the aforementioned engineering work are true and correct of his own knowledge except such statements made therein on information and belief and, as to such statements, he believes them to be true.


Daniel G.P. Mansergh

Subscribed and sworn to before me this 12th day of March, 1996





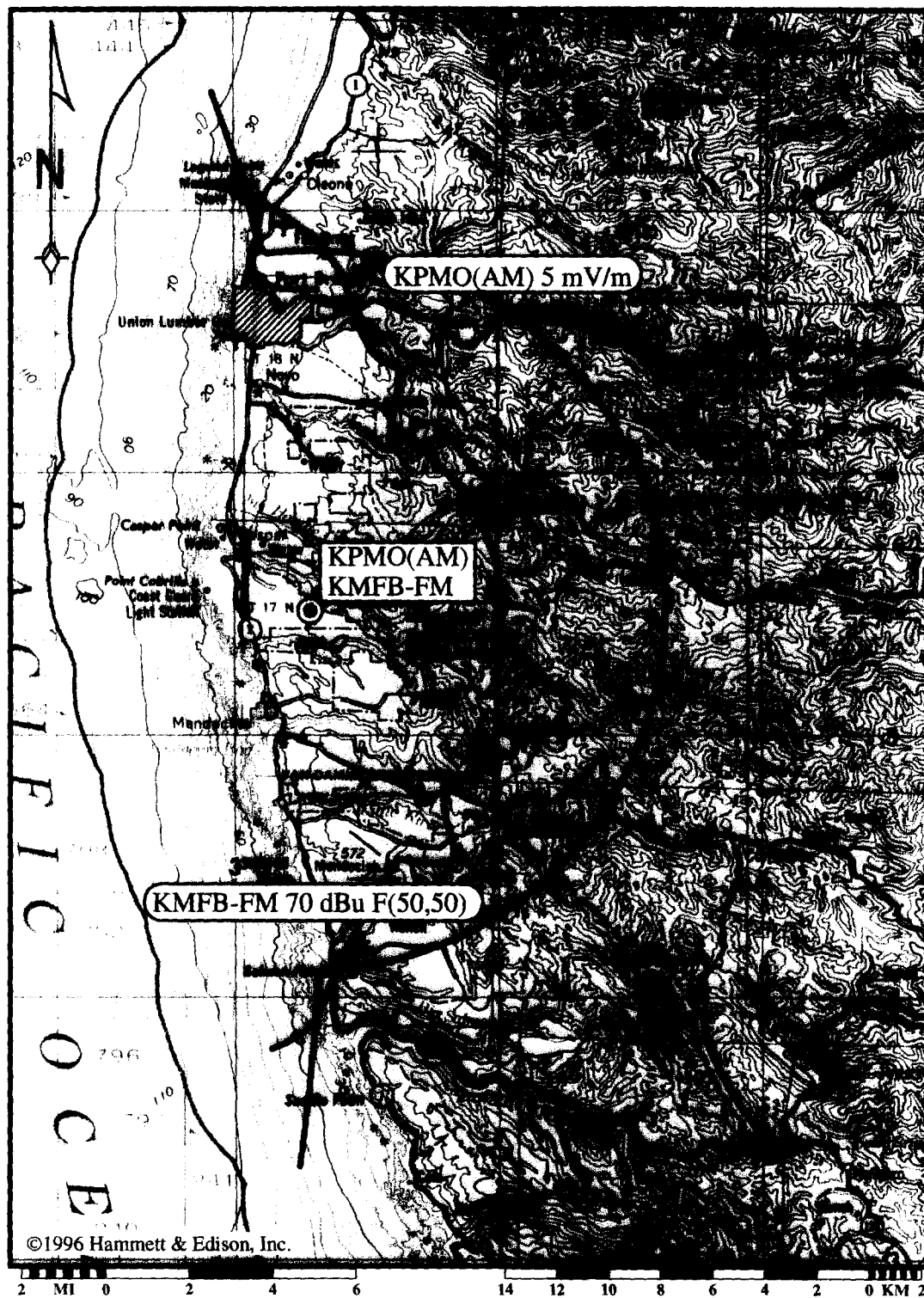


HAMMETT & EDISON, INC.
CONSULTING ENGINEERS
SAN FRANCISCO

960202
Affidavit

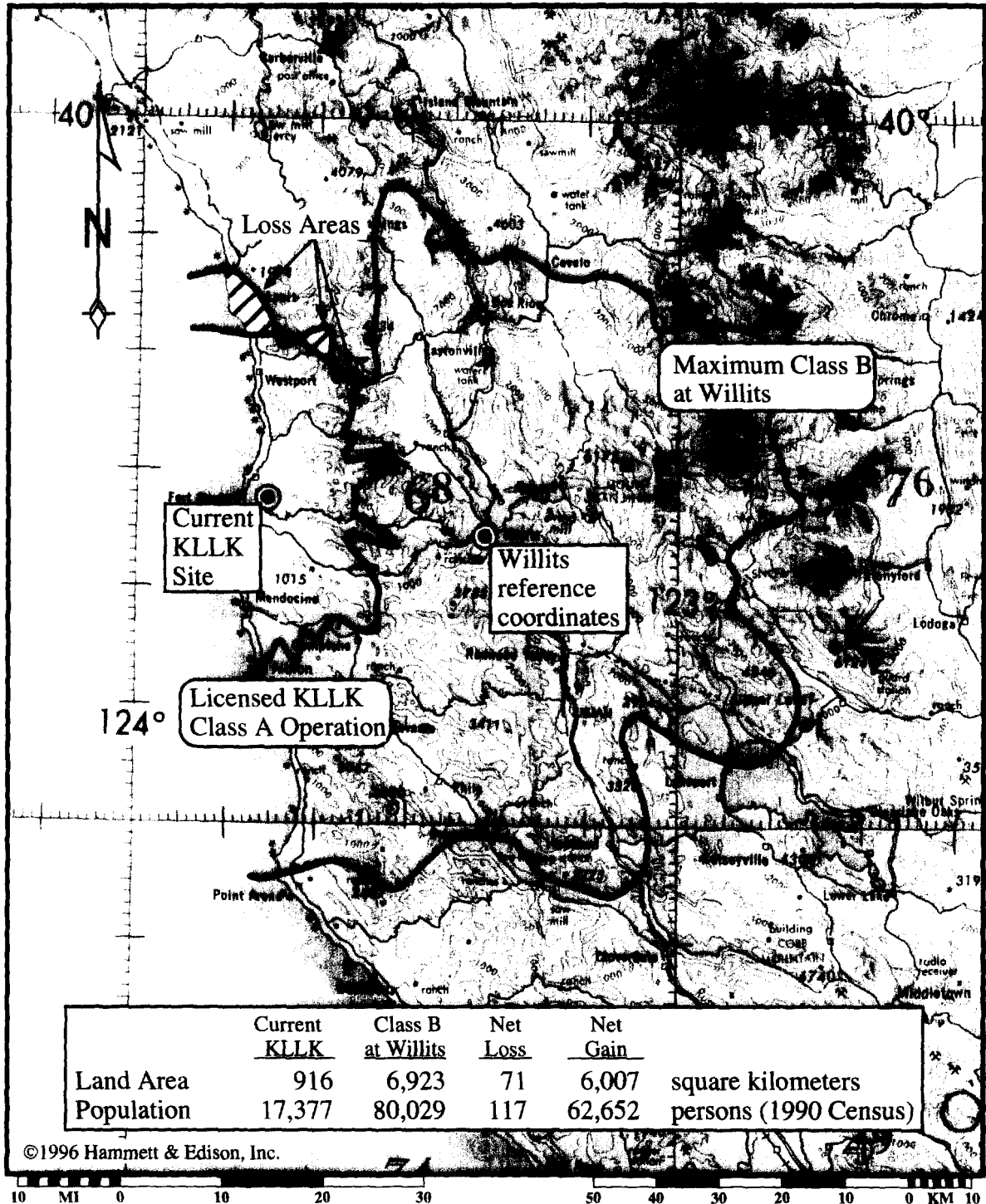
Station KLLK-FM • 93.5 MHz, Channel 228B • Fort Bragg, California

Principal Community Contours
of Mendocino Stations KPMO(AM) and KMFB-FM



Station KLLK-FM • 93.5 MHz, Channel 228B • Fort Bragg, California

FCC F(50,50) 1 mV/m Coverage Contours
of Licensed Class A and Maximum Class B at Willits

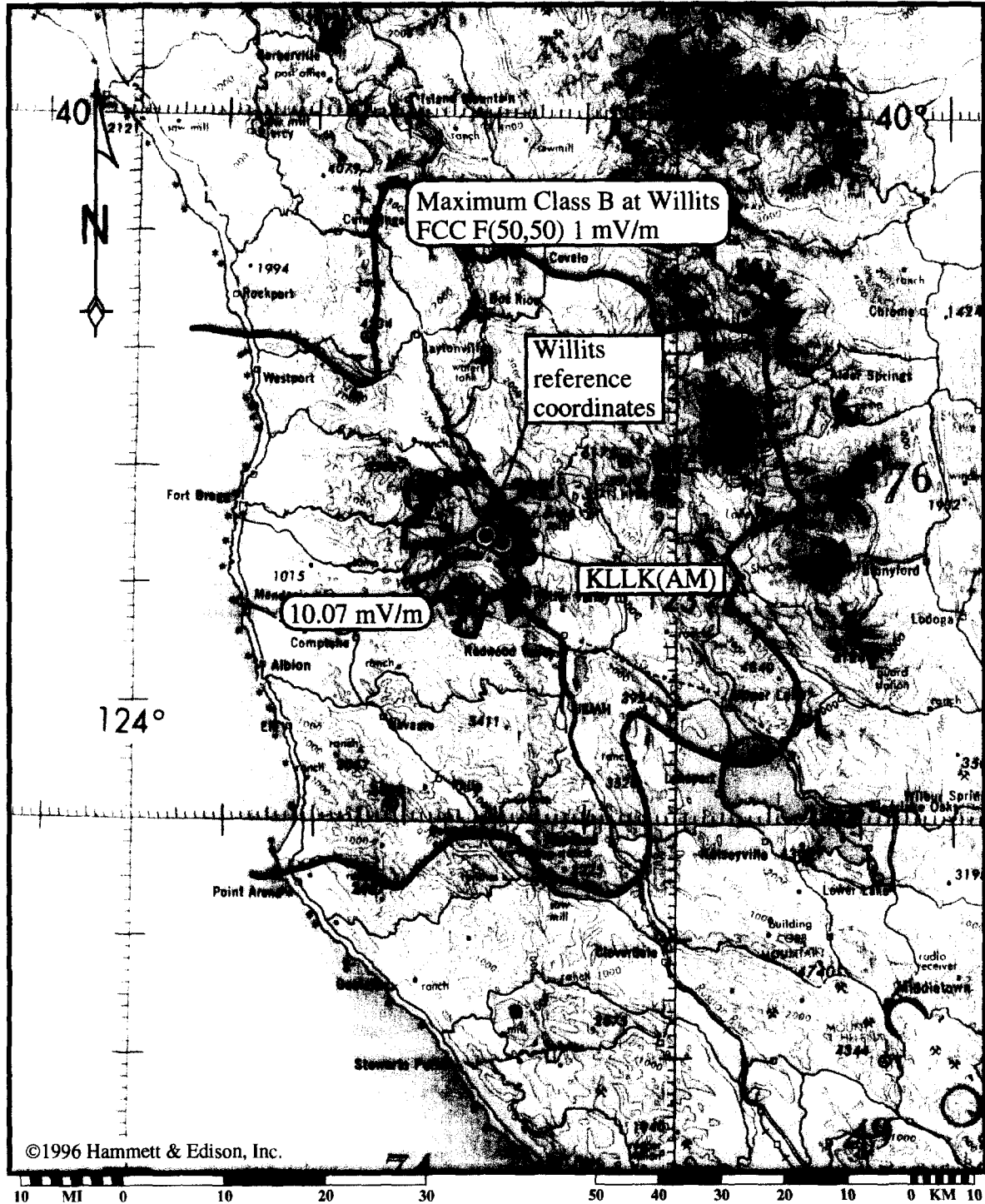


HAMMETT & EDISON, INC.
CONSULTING ENGINEERS
SAN FRANCISCO

960202
Figure 2

Station KLLK-FM • 93.5 MHz, Channel 228B • Fort Bragg, California

Nighttime Coverage of KLLK(AM)
and Maximum Class B at Willits



Henry Radio Company

**Petition For Rulemaking
Exhibit 4**

**WILLITS CHAMBER OF COMMERCE
STATISTICAL INFORMATION**

Economic Growth & Trends



The Willits area has experienced a population growth over the past two decades. The city and its environs have grown at a steady pace, however, well within the city's capacity to provide adequate infrastructure and support.

Growth Trend

	WILLITS	COUNTY
1970	3,091	51,101
1980	4,008	66,738
1990	5,119	79,100

Population

Within the City Limits: 5,119*

Surrounding Area: 7,000

(Pine Mt., Brooktrails, Little Lake Valley)

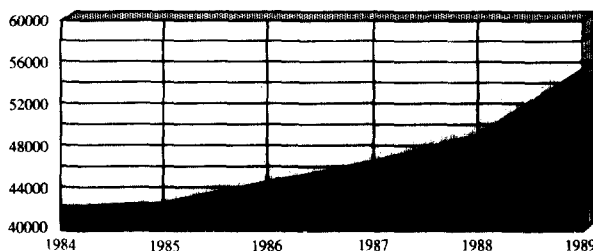
Service Area: 15,000

(Covelo, Laytonville, Willits area)

* 1990 U.S. Census figures

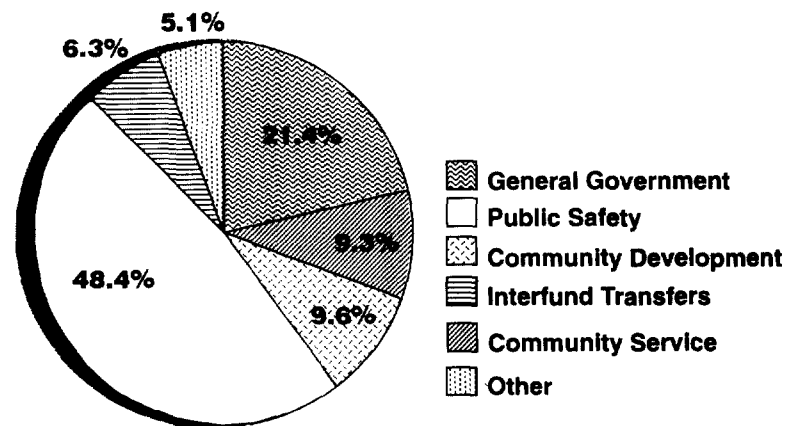
Retail Sales

Willits is emerging as the regional shopping area for northern Mendocino County. The City's recent commitment to a downtown business revitalization/facade grant program and the completion of a new shopping center are drawing more and more north county shoppers to Willits resulting in the significant increase of 1989 over 1988. Sales for 1989 increased 13.1% over 1988, compared to a statewide increase of 8.4%.

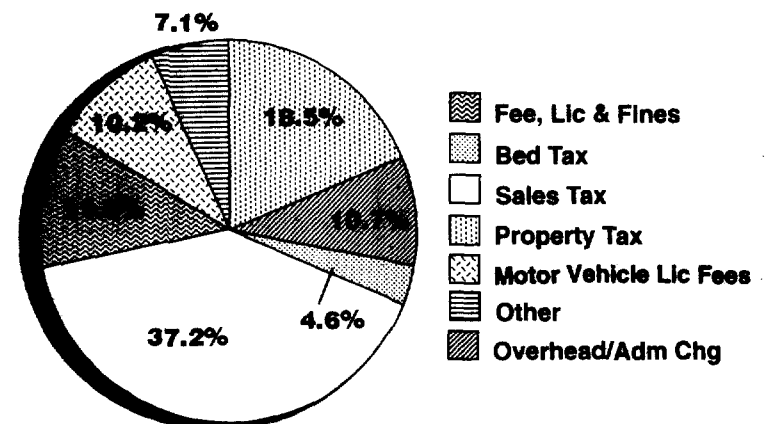


1989 Total Sales \$55,381,000

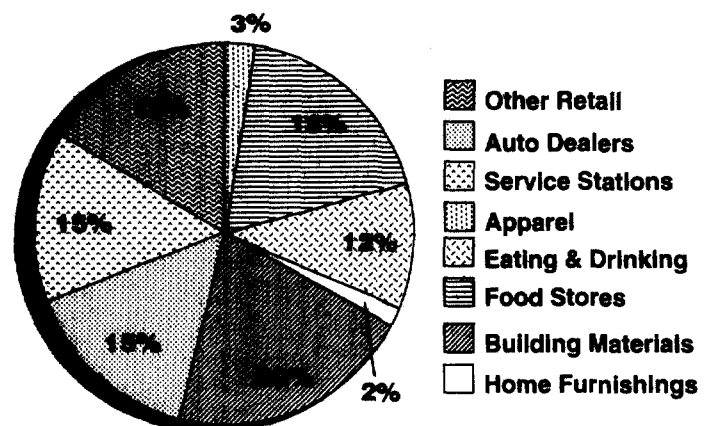
Willits City Budget Expenditures FY 1989 - 1990



Willits City Budget Revenues FY 1989 - 1990



Retail Sales Mix - \$ in 000's



Government Facilities



Estimated Income

	Per Capita
Mendocino County (1988)	29,400
Willits (1988)	26,684

Government

Willits operates under a City Council-City Manager form of government with a five member City Council that elects its mayor each year.

Governing Agency

City of Willits, 111 E. Commercial St.,
Willits, CA 95490 (707) 459-4601

Land Use

Willits has 200 acres zoned light/heavy industrial, plus the Southeast Annexation Industrial Park of 220 acres. Utilities, water and sewer are available to all sites. Industrial areas have access to rail lines and highways. Terrain is level with excellent drainage and clay subsoil. Pilings are not required.

Assessments

Fire Protection District: \$60.00

Sewer Bonds: The City has sewer bonds. (\$.007/\$100 of assessed value)

Sewer Rates: \$163.50 minimum yearly charge

Sewer Connection Charge: \$1500.00. System is modified activated sludge, with chlorination/dechlorination.

Water Rates: \$17.00 for 3 Units. Over base amount: \$1.90. Deposit required for residential service. Connection costs vary based on type of hook-up and development.

Storm Drain and Flood Control

Willits has an excellent system of storm drains and creeks. Developers must construct storm drains as required to support existing systems.

Street Improvements

A dedication is required for access to handle increased traffic generated by a facility or future plant line widths. Standard City policy for improved curbs, gutters and sidewalks apply.

Retail Sales Tax

7.25% (State-6%, County-.25%, City-1%)

Transient Occupancy Tax

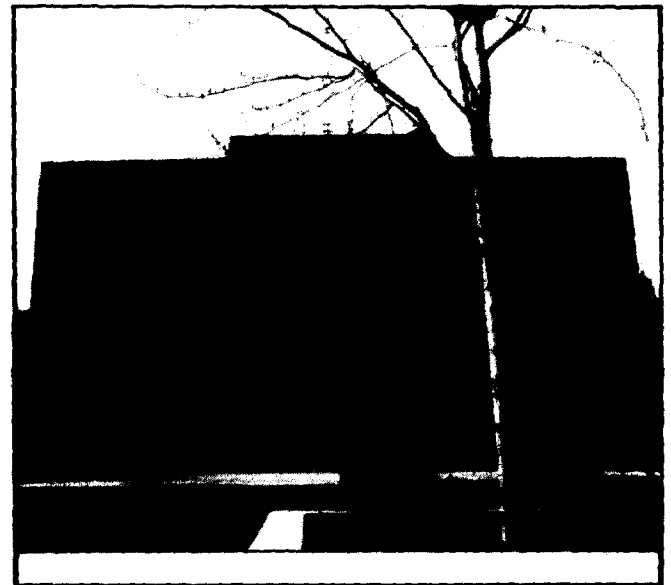
9%

Public Safety

The Willits Police Department has 12 sworn personnel, 3 reserve officers, and 12 patrol vehicles.

The Little Lake Fire Protection District has 2 fire stations, 10 trucks, 3 full time and 2 part time personnel, and 38 reserves.

Fire Insurance Classification: ISO 5
Ambulance Service is provided by Northern Pacific Ambulance. Willits also has a sheriff's substation and the Little Lake Justice Court.





Community Facilities

Willits is both proud and grateful for the outstanding community services available to citizens and visitors alike. Not only are these facilities essential to the well being of all, they have also been able to adapt to the growing needs of this community.

Medical Information

Willits is home to Frank R. Howard Memorial Hospital, a 38 bed hospital which provides 24 hour emergency medical service as well as maintaining a CCU and ICU unit. Several excellent physicians, surgeons, and general practitioners practice in Willits. The area also is served by pharmacies, optometrists, dentists, chiropractors, and physical therapists. The community is serviced by one rest home and a convalescent hospital.

Schools

The Willits Unified School District provides area students with an excellent education system. The high school, a California Distinguished School, is accredited and provides an outstanding curriculum. Both primary and secondary schools are well-staffed with qualified teachers and aides. Several alternative schools are within the area for those seeking alternative education for their children. The Willits branch of Mendocino College provides adult and continuing educational courses for all interested people. Parents can choose from many quality pre-schools as well.

Communication

Local news and information is available through a local newspaper and radio station. Many out-of-town newspapers and radio stations also cover the full scope of life in this area. Willits is also serviced by cable television and antenna television.

Library and Museum

Willits is fortunate to have a branch of the Mendocino County Library system which is located in a new facility on East Commercial Street. Next door is the Mendocino County Museum, where the history of the area is on display. Willits

also hosts the Country Mall, which is the third designated Historical Point of Interest in Mendocino County.

Recreation

Willits, with its naturally beautiful setting, has much to offer fishing and hunting enthusiasts. There are many excellent trails and natural areas for hikers, bicyclers and campers to explore and enjoy including Little Darby Nature Trail and numerous trails throughout Brooktrails.

The community of Willits offers a wide variety of other interests. The local movie theater shows all the current films as well as many foreign and lesser known films. The Willits Community Theater provides live entertainment by local performers. Past performances have included everything from hilarious melodramas to outstanding musicals. Willits has a beautiful public park system as well as a community swimming pool and tennis courts.

Another point of interest is Roots of Motive Power which includes authentic working displays of antique steam engines and equipment.

Noted as the Solar Capital of the World, Willits hosts a solar energy expo and rally every year in August. This event is dedicated to education, entertainment and fun with participants and attendants from all over the world.

Willits also holds several annual events such as Willits Frontier Days, which showcases California's oldest continuous rodeo in July, the Community Festival and Car Show in May and many others. For a complete list, please contact the Willits Chamber of Commerce.

Seniors Services

Thanks to the generosity of many, Willits is able to offer a number of important services to its Senior Citizens. The William F. Harrah Senior Center offers everything from meals and transportation to medical care, social events and other needed resources. For more information, contact Willits Seniors, Inc.